

ABSTRACT OF THE DISCLOSURE

A process for producing a glass for cathode ray tubes, having a  $Sb_2O_3$  content of from 0 to 0.19% as represented by mass percentage and containing  $H_2O$ , which 5 process comprises a step of melting a raw material in an atmosphere under a pressure of  $P_0$  to obtain a molten glass, and a step of vacuum degassing the molten glass in an atmosphere under a pressure  $P_A$  which is lower than  $P_0$ , wherein the pressure  $P$  of the molten glass is made to be 10 at most  $(6.1W+0.06)$  atm in the vacuum degassing step, wherein  $W$  is the content of said  $H_2O$  as represented by mass percentage.

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